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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/820,700	04/09/2004	Yugo Watanabe	251599US90	8740

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EXAMINER

GELIN, JEAN ALLAND

ART UNIT	PAPER NUMBER
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2688

DATE MAILED: 01/24/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/820,700

Applicant(s)

WATANABE ET AL

Examiner

Jean A. Gelin

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 July 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 02 July 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>7/2/04</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-9 are rejected under 35 U.S.C. 102(e) as being anticipated by Watanabe et al. (US 2005/0239443).

Regarding claim 1, Watanabe teaches a mobile communications control method of controlling mobile communication by a mobile terminal (140) in a network in which a plurality of wireless systems are available (figs. 1 and 2), the method comprising: selecting, from among the wireless systems, a wireless system with which the mobile terminal performs location registration, based on at least one of a status of the network, a status of the mobile terminal, location information of the mobile terminal, a frequency of incoming call reception of the mobile terminal, and service area information of the wireless systems (paragraphs 19, 20, 28, 30, and 31).

Regarding claim 2, Watanabe teaches a control system for controlling mobile communication by a mobile terminal in a network in which a plurality of wireless systems are available (figs. 1 and 2), the system comprising: a selector configured to select, from among the wireless systems, a wireless system with which the mobile

terminal performs location registration, based on at least one of a status of the network, a status of the mobile terminal, location information of the mobile terminal, a frequency of incoming call reception of the mobile terminal, and service area information of the wireless systems (paragraphs 19, 20, 28, 30, and 31); and an instructor configured to instruct the selected wireless system to the mobile terminal (i.e., the mobile receives a list of available system corresponding to receiving instructions to receive list of available systems, paragraphs 19-20).

Regarding claim 3, Watanabe teaches wherein the selector is arranged to select a wireless system different from a wireless system specified in a location registration request from the mobile terminal (paragraphs 19-20).

Regarding claim 4, Watanabe teaches the instructor is arranged to instruct the mobile terminal to change a wireless system with which the mobile terminal performs location registration (paragraphs 19-20).

Regarding claim 5, Watanabe teaches a group manager (Management Server 110) configured to manage mobile terminals (terminal 140) in groups; wherein, the selector is arranged to select, from among the wireless systems, a wireless system with which mobile terminals belonging to a given group perform location registration, based on at least one of the status of the network, the status of each mobile terminal, location information of each mobile terminal, the frequency of incoming call reception of each mobile terminal, and the service area information of the wireless systems (paragraphs 19, 20, 28, 30, and 31); and the instructor is arranged to instruct the selected wireless system to the mobile terminals belonging to the given group (i.e., the mobile receives a

list of available system corresponding to receiving instructions to receive list of available systems, paragraphs 19-20).

Regarding claim 6, Watanabe teaches mobile terminal for mobile communication in a network in which a plurality of wireless systems are available (figs. 1-2), the mobile terminal comprising: a selector (selection means 44) configured to select, from among the wireless systems, a wireless system with which to perform location registration, based on at least one of a status of the mobile terminal, location information of the mobile terminal, a frequency of incoming call reception of the mobile terminal, and service area information of the wireless systems (paragraphs 28, 31, and 36); and a location registration controller configured to perform location registration with the selected wireless system (paragraphs 31 and 36).

Regarding claim 7, Watanabe teaches wherein the status of the mobile terminal includes a movement speed of the mobile terminal or remaining battery life (paragraphs 25-26).

Regarding claim 8, Watanabe teaches wherein, when a control system for controlling the network specifies a different wireless system, the location registration controller is arranged to perform location registration with the different wireless system (paragraphs 31-36).

Regarding claim 9, Watanabe teaches a mobile terminal for mobile communication in a network in which a plurality of wireless systems are available (figs. 1-2), the mobile terminal (140) comprising: a memory configured to store specific information and a wireless system, associating them with one another (paragraphs 30-

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32); and a selector configured to select the wireless system associated with the specific information, as a wireless system with which to perform location registration, when the specific information is transmitted together with broadcast information from a control system for controlling the network (paragraphs 28, 31, and 36).

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Chang et al.	US 6,272,315	08/07/2001
Ho et al.	US 6,091,953	07/18/2001
Hiller	US 2004/0203907	10/14/2004
Schumacher et al.	US 5,841,854	11/24/0998

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jean A. Gelin whose telephone number is (571) 272-7842. The examiner can normally be reached on 9:30 AM to 7:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, George Eng can be reached on (571) 272-7495. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JGelin
January 20, 2006

JEAN GELIN
PRIMARY EXAMINER

A handwritten signature in cursive script that reads "Jean Allard Gelin". The signature is written in black ink and is positioned below the printed name and title.